

1       **50522/PAN/E349**

ABSTRACT OF THE DISCLOSURE

5       A high performance transmission optical subassembly is  
disclosed. The transmission optical subassembly includes a  
laser diode transmitting an optical transmission beam from a  
first facet of the laser diode. A reflective mirror reflects a  
first portion of the optical transmission beam to an end face  
of an optical fiber and an edge illumination monitor  
10    photodetector, having a light receiving facet that receives a  
second portion of the optical transmission beam, produces a  
laser diode control signal as a function of the received  
second portion of the optical transmission beam.

15       514743.1

20

25

30

35